GRUNDIG CCD300

MODEL

SERVICE MANUAL

TUNER SCHEMATIC DIAGRAM

IC1 ------ LA1265
IC2 ------ BA1332
IC3 ------ μPC78L12J

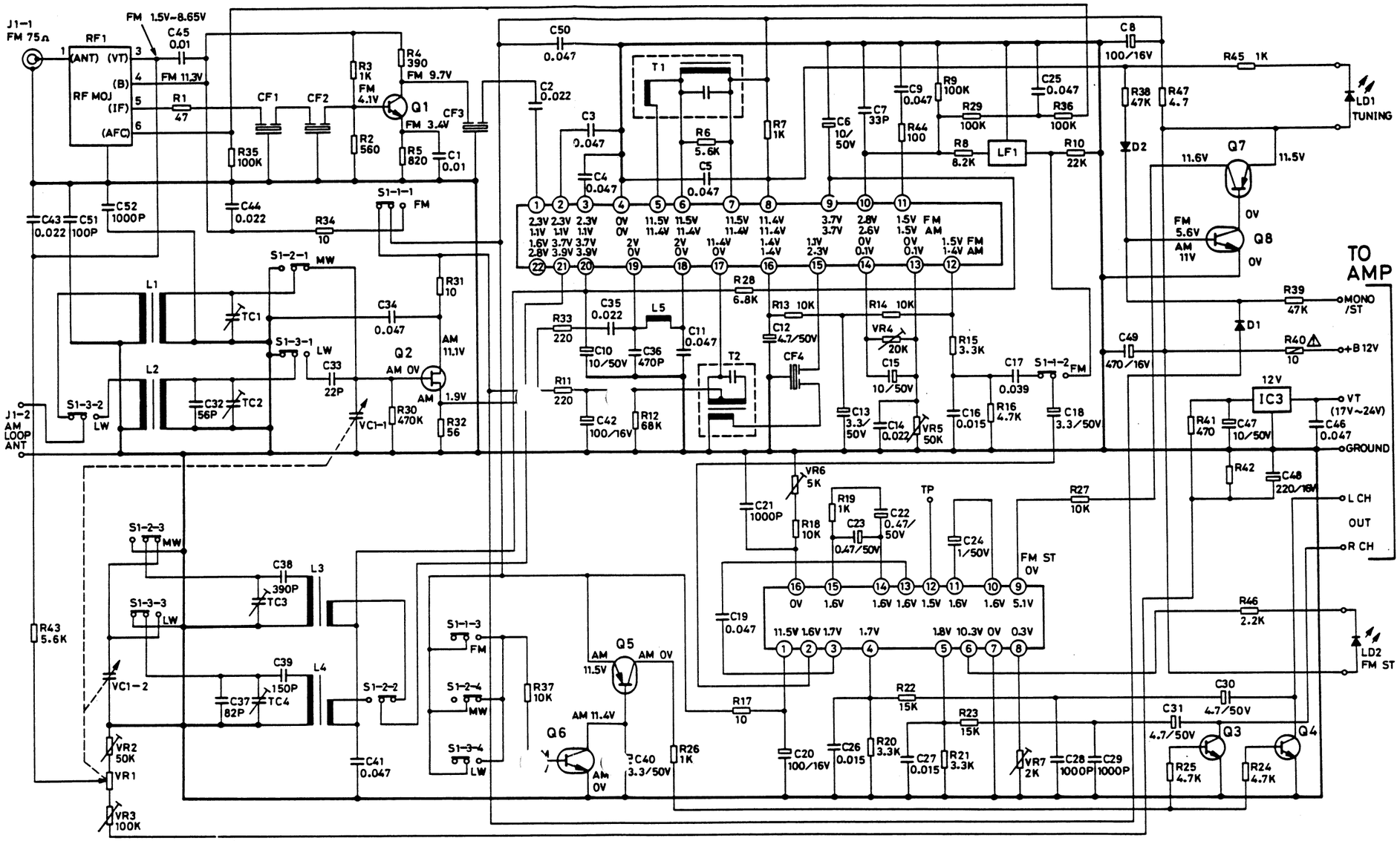
Q1 ------ 2SC1675-K
Q2 ------ 2SK519-H
Q3,4 ------ 2SC1740S-E
Q5,7 ------ BN1L4L
Q6,8 ------ BA1L4L

D1,2 ------ 1SS133

LD1 ------ SLH56MC5F
LD2 ------ SLH56VC5F

S1 --- BAND SWITCH (MW POSITION)
S1-1 -- FM
S1-2 -- MW
S1-3 -- LW

VOLTAGE CHECK POSITION
V --- AM FM BAND POSITION
AM V --- AM BAND POSITION
FM V --- FM BAND POSITION
FM ST V --- FM STEREO POSITION



D **Achtung:** Bei Eingriffen ins Gerät sind die Sicherheitsvorschriften nach VDE 701 (reparaturbezogen) bzw. VDE 0860 / IEC 65 (gerätebezogen) zu beachten!

Bauteile nach IEC- bzw. VDE-Richtlinien ! Im Ersatzfall nur Teile mit gleicher Spezifikation verwenden!

MOS - Vorschriften beim Umgang mit MOS - Bauteilen beachten!

GB **Attention:** Please observe the applicable safety requirements according to VDE 701 (concerning repairs) and VDE 0860 / IEC 65 (concerning type of product)!

Components to IEC or VDE guidelines! Only use components with the same specifications for replacement!

Observe **MOS** components handling instructions when servicing!

I **Attenzione:** Osservarne le corrispondenti prescrizioni di sicurezza VDE 701 (concernente servizio) e VDE 0860 / IEC 65 (concernente il tipo di prodotto)!

Componenti secondo le norme VDE risp. te IEC! In caso di sostituzione impiegare solo componenti con le stesse caratteristiche.

Osservare le relative prescrizioni durante, lavori con componenti **MOS**!

F **Attention:** Priere d'observer les prescriptions de securite VDE 701 (concernant les reparations) et VDE 0860 / IEC 65 (concernant le type de produit)!

Composants répondant aux normes VDE ou IEC. Les remplacer uniquement par des composants ayant les memes spécifications.

Lors de la manipulation des circuits **MOS**, respecter les pescriptions **MOS**!

E **Atención:** Recomendamos las normas de seguridad VDE u otras normas equivalentes, por ejemplo: VDE 701 para reparaciones, VDE 0860 / IEC 65 para aparatos!

Componentes que cumplen las normas VDE/IEC. En caso de sustitución, emplear componentes con idénticas especificaciones!

Durante la reparacion observar las normas sobre componentes **MOS**!

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CCD 300

Service Manual CCD 300 Sach - Nr. 72010 - 710.30
Service Manual CCD 300 Order No. 72010 - 710.30

43-165

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Änderungen vorbehalten
Alterations reserved

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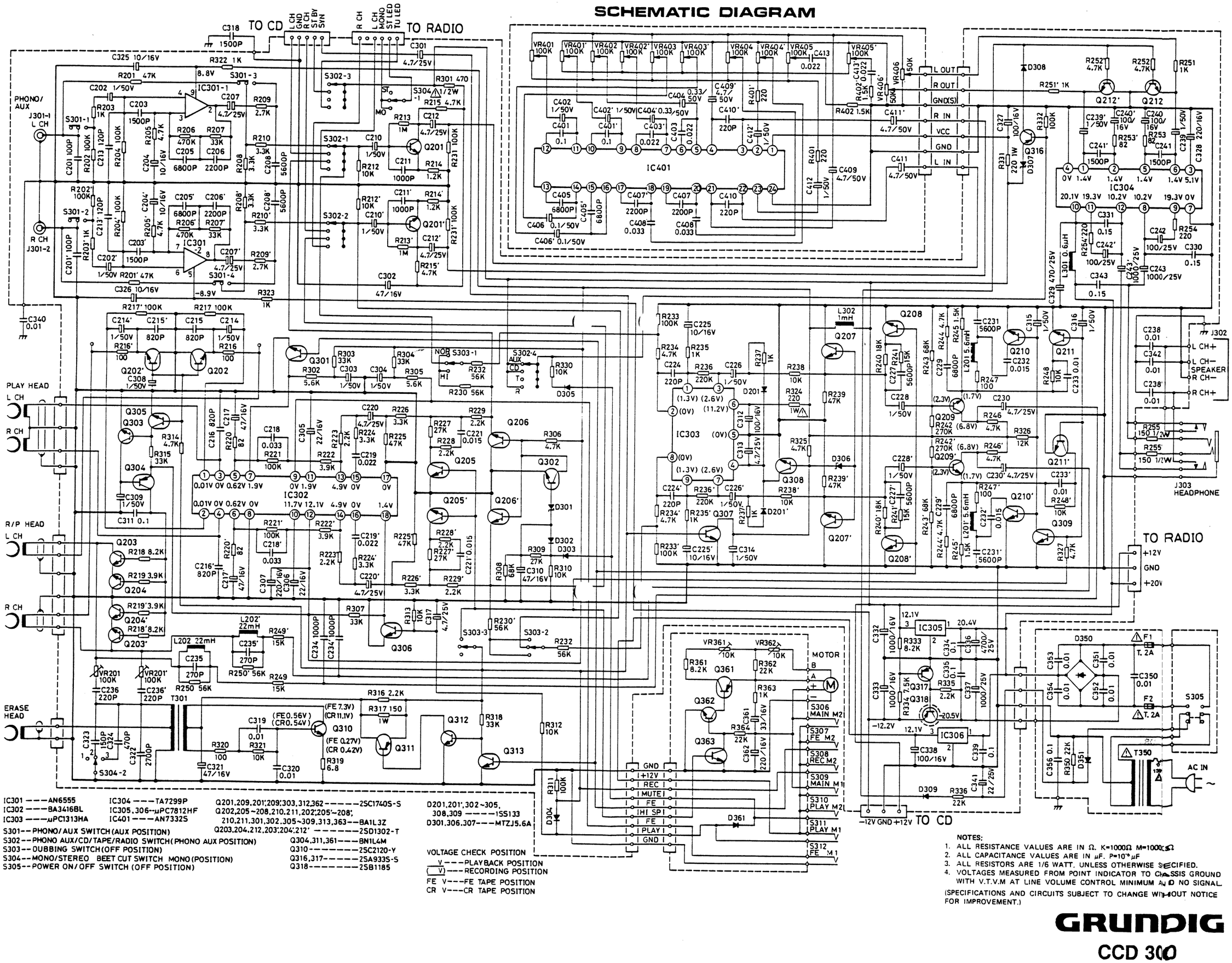
SCHEMATIC DIAGRAM



IC301 ---AN6555
IC302 ---BA3416BL
IC303 ---μPC1313HA
IC304 ---TA7299P
IC305,306--μPC7812HF
IC401 ---AN7332S

Q201,209,201',209',303,312,362-----2SC1740S-S
Q202,205~208,210,211,202',205'~208',
210,211,301,302,305~309,313,363--BA1L3Z
Q203,204,212,203',204',212'-------2SD1302-T
Q304,311,361---BN1L4M
Q310--------2SC2120-Y
Q316,317-----2SA933S-S
Q318-------2SB1185

D201,201',302~305,
308,309 -----1SS133
D301,306,307---MTZJ5.6A

S301--PHONO/AUX SWITCH (AUX POSITION)
S302--PHONO AUX/CD/TAPE/RADIO SWITCH (PHONO AUX POSITION)
S303--DUBBING SWITCH (OFF POSITION)
S304--MONO/STEREO BEET CUT SWITCH MONO (POSITION)
S305--POWER ON/OFF SWITCH (OFF POSITION)

VOLTAGE CHECK POSITION
V---PLAYBACK POSITION
(V)---RECORDING POSITION
FE V---FE TAPE POSITION
CR V---CR TAPE POSITION

NOTES:
1. ALL RESISTANCE VALUES ARE IN Ω. K=1000Ω M=1000KΩ
2. ALL CAPACITANCE VALUES ARE IN μF. P=10⁻⁶ μF
3. ALL RESISTORS ARE 1/6 WATT. UNLESS OTHERWISE SPECIFIED.
4. VOLTAGES MEASURED FROM POINT INDICATOR TO CHASSIS GROUND WITH V.T.V.M AT LINE VOLUME CONTROL MINIMUM AND NO SIGNAL

(SPECIFICATIONS AND CIRCUITS SUBJECT TO CHANGE WITHOUT NOTICE FOR IMPROVEMENT.)

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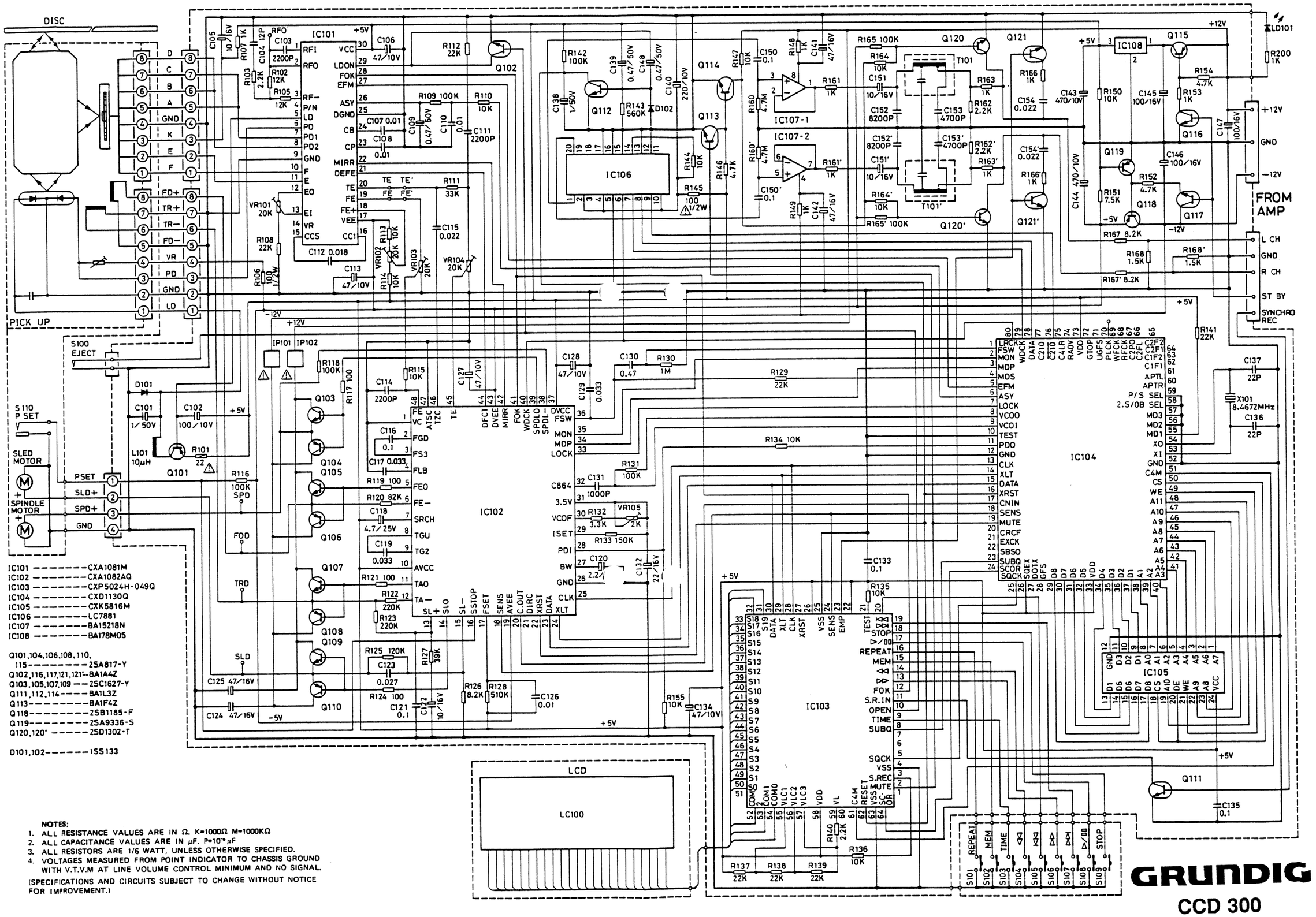
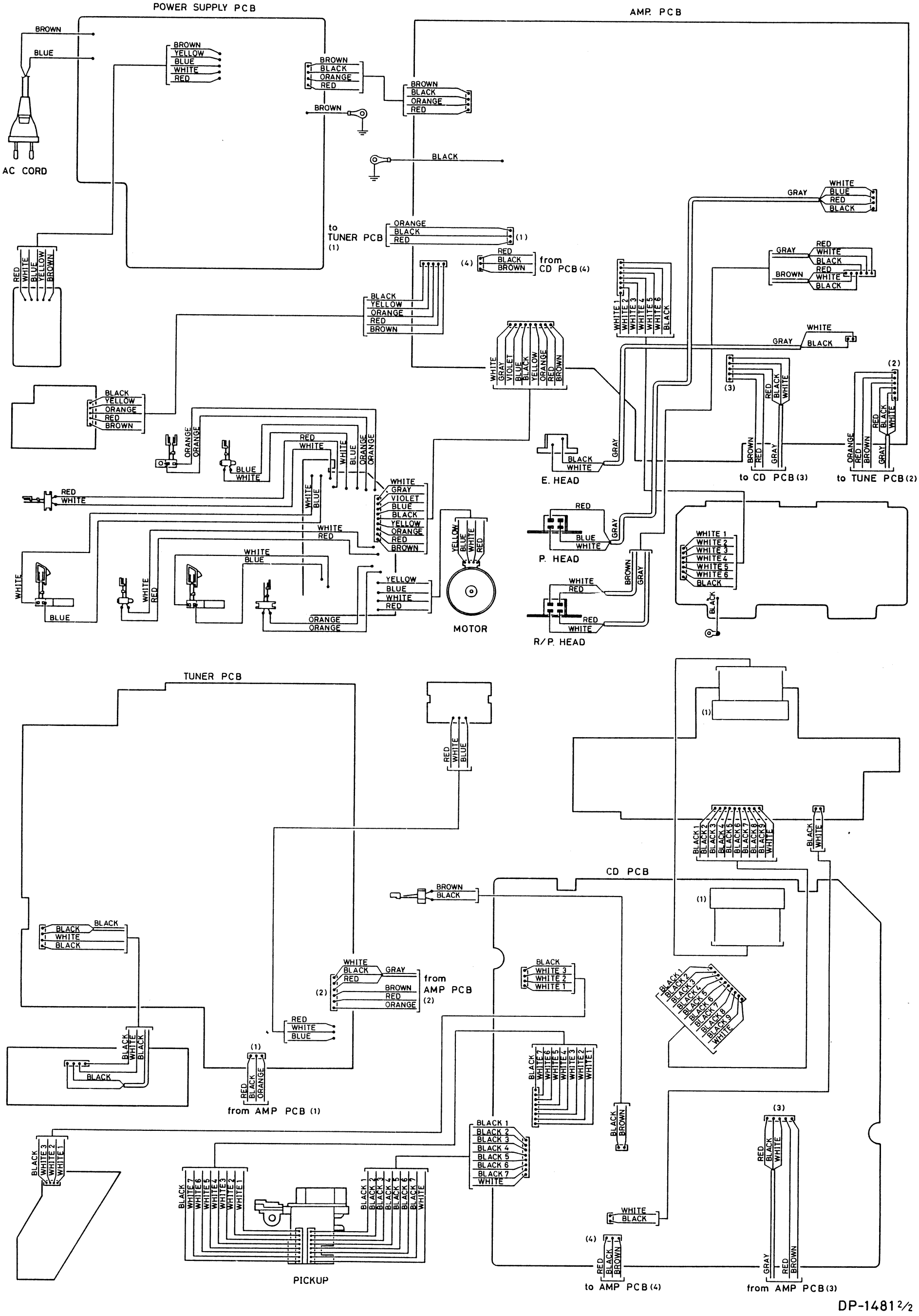
CCD 300

SCHEMATIC DIAGRAM



WIRING DIAGRAM



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